



Automatic Auger Powder Filling Machine



Filling Range: 10 gm to 1 Kg (with the help of Change Parts)

Output: 20 to 60 bottles per minute. (Depending upon Powder Characteristics and Filling Size)

Applicable Industry:

Pharmaceutical, Ayurvedic, Nutraceutical, Cosmetic, Food, Agrochemical and relevant

Suitable for Different Types of Material like Pharmaceutical Dry Powder Syrup, Protein Powder, Ayurvedic Powder, Granulesm Food Products and relevant

Description:

The automatic powder and granules filling machine is compact and highly efficient machine with elegant look. This multi-function multi featured machine meets the custom requirements of filling powder and granules material in glass, plastic and aluminum containers.

Operation:

Automatic Auger Type Powder Filling Machine is a compact model used for filling of Powder into bottle or Jar. The incoming dry bottle (sterilized and silicones) is fed through the in feed Turn Table with suitably guided on the moving S.S. flat conveyor belt at the required speed for feeding. Filling head is mounted on machine top plate. When bottle reaches to the filling station, it will be hold by the pneumatic bottle holder. Immediately it will be sensed by the bottle sensor as soon as it gets the signals from sensor magnetic clutch starts to rotate which is mounted on auger shaft. It will fill the desire amount of powder to the bottle through auger. After filling of bottle pneumatic

piston goes back and releases the bottle to move on conveyor. The main advantage of this machine is Pneumatic bottle holding system is directly connected with Auger rotation, so till bottle get filled with powder as per set value, pneumatic system will not going to release the bottle.

Features:

- Heavy duty base with robust construction off S.S. matt finished body
- Suitable for 50 gm to 1000 gm powder filling with the help of change parts
- Microcontroller based system with latest technology
- Multiple Filling range with arrangement of different syringes and change parts
- No container No fill arrangement
- Easy and accurate adjustments of fill desired quantity with the help of change parts
- Various models available as per output speed requirement (1 / 2/ 4 head)
- Machine can be synchronized with Aijet Washing, Visual Inspection, Capping, Induction Sealing machine
- Suitable for Pharmaceuticals, Ayurvedic, Nutraceutical, Chemical, Food, Cosmetics industries